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New set of claims 1 to 12

- 10 1. A vehicular battery mounting structure characterized in:
that a battery pack having a plurality of battery unit
cells or battery modules in accordance with a performance
of a vehicle is disposed between a floor panel of the
vehicle and a seat disposed above the floor panel,
15 that the plurality of battery unit cells or battery
modules are stacked in a longitudinal direction relative to
the vehicle, and
that a cooling fan is provided, which supplies a cooling
medium in a direction of vehicle width.
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2. The vehicular battery mounting structure according to
claim 1, wherein the seat is a seat that does not have a
power seat function.
- 25 3. The vehicular battery mounting structure according to
claim 1 or 2, wherein the seat is a passenger seat or a
rear seat.
4. The vehicular battery mounting structure according to
30 any one of claims 1 to 3, wherein the battery pack
comprises a battery body formed by the plurality of battery
unit cells or battery modules, and a space portion that is
adjacent to the battery body and that is provided at a side
of the battery body that faces a center line of a width of
35 the vehicle.

5. The vehicular battery mounting structure according to claim 4,

wherein, the battery pack further comprises a cooling fan, and

5 wherein the cooling fan is provided at a side of the battery body opposite from the side that faces the center line of the width of the vehicle, and the cooling fan supplies a cooling medium between the battery unit cells, or between the battery modules.

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6. The vehicular battery mounting structure according to claim 5, wherein the cooling fan supplies the cooling medium through the battery body from the side that faces the center line of the width of the vehicle to the side
15 opposite from the side that faces the center line of the width of the vehicle.

7. The vehicular battery mounting structure according to claim 5, wherein the cooling fan supplies the cooling
20 medium through the battery body from the side that faces the center line of the width of the vehicle to the side opposite from the side that faces the center line of the width of the vehicle, and discharges the cooling medium into a cabin.

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8. The vehicular battery mounting structure according to claim 7, wherein the battery pack further comprises diffusion means for diffusing the cooling medium discharged from the cooling fan into the cabin.

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9. The vehicular battery mounting structure according to claim 8, wherein the diffusion means includes a plurality of outlets.

10. The vehicular battery mounting structure according to
any one of claims 5 to 9, wherein a suction direction of
the cooling fan is a direction of a rotating axis of the
cooling fan, and a discharge direction of the cooling fan
5 is a circumferential direction relative to the cooling fan.

11. The vehicular battery mounting structure according to
any one of claims 5 to 10, wherein the cooling fan is a
sirocco fan.

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12. The vehicular battery mounting structure according to
any one of claims 1 to 11, wherein the battery pack is
formed by a lithium ion battery or a nickel metal hydride
battery.

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